

# About The New England Common Assessment Program



This report highlights results from the Fall 2011 Beginning of Grade New England Common Assessment Program (NECAP) tests. The NECAP tests are administered to students in Maine, New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program. NECAP test results are used primarily for school improvement and accountability.

Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

NECAP tests in reading and mathematics are administered to students in grades 3 through 8 and writing tests are administered to students in grades 5 and 8. The NECAP tests are designed to measure student performance on grade level expectations (GLE) developed and adopted by the four states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they begin the school year in their current grade — in other words, the content and skills that students have learned through the end of the previous grade.

Each test contains a mix of multiple-choice and constructed-response questions. Constructed-response questions require students to develop their own answers to

questions. On the mathematics test, students may be required to provide the correct answer to a computation or word problem, draw or interpret a chart or graph, or explain how they solved a problem. On the reading test, students may be required to make a list or write a few paragraphs to answer a question related to a literary or informational passage. On the writing test, students are required to provide a single extended response of 1-3 pages and three shorter responses to questions measuring different types of writing.

This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on subtopics within each content area tested.

In addition to this report of grade level results, schools and districts will also receive Summary Reports, Item Analysis Reports, Released Item support materials, and student-level data files containing NECAP results. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen schools' and districts' evaluation of their ongoing improvement efforts.



## Fall 2011 Beginning of Grade 8 NECAP Tests

Grade 7 Students in 2010-2011

## School Results

**School:** Waterville Junior High School

**District:** Waterville Public Schools

**Code:** 1170-1421



# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

### Grade Level Summary Report

School: Waterville Junior High School  
 District: Waterville Public Schools  
 State: Maine  
 Code: 1170-1421

PARTICIPATION in NECAP	Number									Percentage								
	School			District			State			School			District			State		
Students enrolled on or after October 1																		
Students tested	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing
With an approved accommodation																		
Current LEP Students																		
With an approved accommodation																		
IEP Students																		
With an approved accommodation																		
Students not tested in NECAP																		
State Approved																		
Alternate Assessment																		
First Year LEP																		
Withdrew After October 1																		
Enrolled After October 1																		
Special Consideration																		
Other																		

### NECAP RESULTS

		School												District						State						
		Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
						N	%	N	%	N	%	N	%													
READING				144	18	13	64	44	39	27	23	16	843	144	13	44	27	16	843	14,031	21	56	17	6	848	
	MATH			143	15	10	41	29	37	26	50	35	837	143	10	29	26	35	837	14,013	17	43	21	19	842	
WRITING				143	10	7	45	31	41	29	47	33	835	143	7	31	29	33	835	13,967	7	44	37	12	839	

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

### Reading Results

School: Waterville Junior High School  
 District: Waterville Public Schools  
 State: Maine  
 Code: 1170-1421

#### Proficient with Distinction (Level 4)

Student's performance demonstrates an ability to read and comprehend grade-appropriate text. Student is able to analyze and interpret literary and informational text. Student offers insightful observations/assertions that are well supported by references to the text. Student uses range of vocabulary strategies and breadth of vocabulary knowledge to read and comprehend a wide variety of texts.

(Scaled Score 859–880)

#### Proficient (Level 3)

Student's performance demonstrates an ability to read and comprehend grade-appropriate text. Student is able to analyze and interpret literary and informational text. Student makes and supports relevant assertions by referencing text. Student uses vocabulary strategies and breadth of vocabulary knowledge to read and comprehend text.

(Scaled Score 840–858)

#### Partially Proficient (Level 2)

Student's performance demonstrates an inconsistent ability to read and comprehend grade-appropriate text. Student attempts to analyze and interpret literary and informational text. Student may make and/or support assertions by referencing text. Student's vocabulary knowledge and use of strategies may be limited and may impact the ability to read and comprehend text.

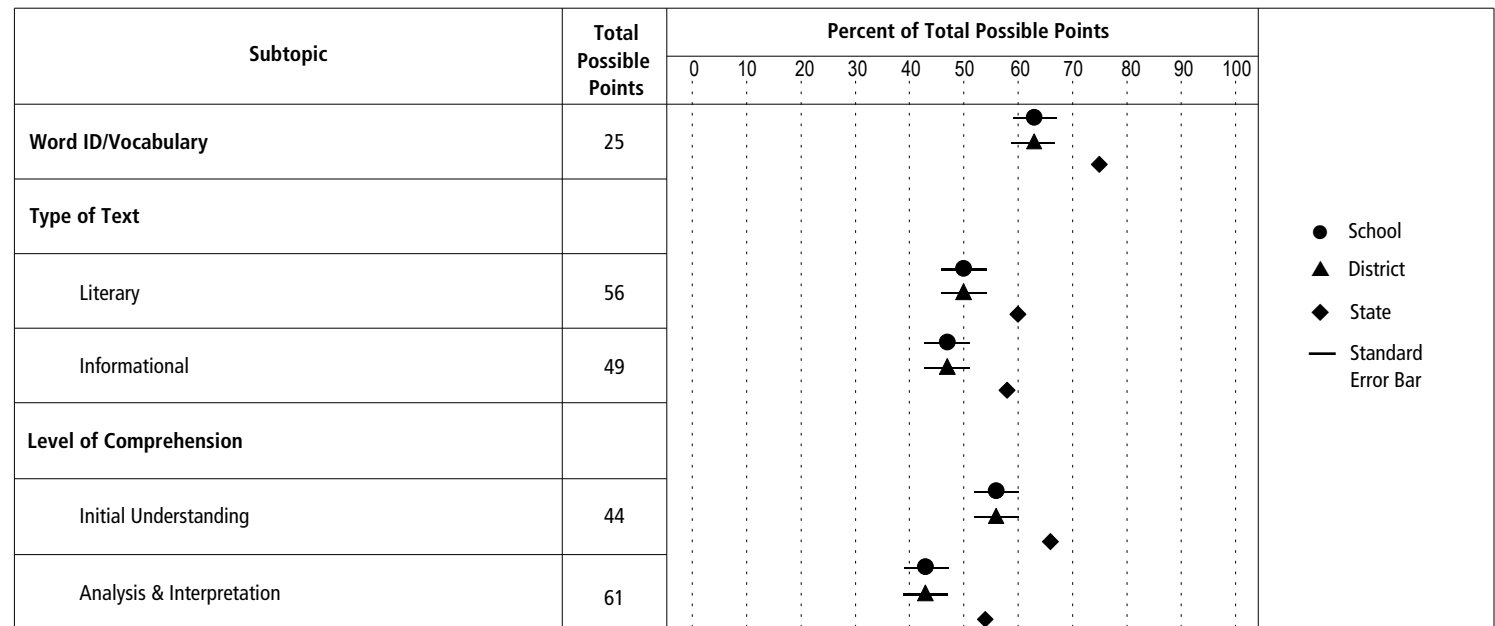
(Scaled Score 828–839)

#### Substantially Below Proficient (Level 1)

Student's performance demonstrates minimal ability to derive/construct meaning from grade-appropriate text. Student may be able to recognize story elements and text features. Student's limited vocabulary knowledge and use of strategies impacts the ability to read and comprehend text.

(Scaled Score 800–827)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2009-10				141	21	15	58	41	49	35	13	9	845
2010-11				124	34	27	56	45	24	19	10	8	848
<b>2011-12</b>				<b>144</b>	<b>18</b>	<b>13</b>	<b>64</b>	<b>44</b>	<b>39</b>	<b>27</b>	<b>23</b>	<b>16</b>	<b>843</b>
Cumulative Total				409	73	18	178	44	112	27	46	11	845
<b>District</b>													
2009-10				141	21	15	58	41	49	35	13	9	845
2010-11				125	34	27	56	45	24	19	11	9	848
<b>2011-12</b>				<b>144</b>	<b>18</b>	<b>13</b>	<b>64</b>	<b>44</b>	<b>39</b>	<b>27</b>	<b>23</b>	<b>16</b>	<b>843</b>
Cumulative Total				410	73	18	178	43	112	27	47	11	845
<b>State</b>													
2009-10				14,101	2,092	15	7,584	54	3,378	24	1,047	7	846
2010-11				13,958	2,341	17	7,783	56	3,096	22	738	5	847
<b>2011-12</b>				<b>14,031</b>	<b>2,933</b>	<b>21</b>	<b>7,864</b>	<b>56</b>	<b>2,380</b>	<b>17</b>	<b>854</b>	<b>6</b>	<b>848</b>
Cumulative Total				42,090	7,366	18	23,231	55	8,854	21	2,639	6	847





# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

# Disaggregated Reading Results

**School:** Waterville Junior High School  
**District:** Waterville Public Schools  
**State:** Maine  
**Code:** 1170-1421

REPORTING CATEGORIES	School												District						State						
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students				144	18	13	64	44	39	27	23	16	843	144	13	44	27	16	843	14,031	21	56	17	6	848
Gender																									
Male				75	5	7	27	36	28	37	15	20	838	75	7	36	37	20	838	7,091	15	57	20	8	846
Female				69	13	19	37	54	11	16	8	12	848	69	19	54	16	12	848	6,940	27	55	14	4	851
Not Reported				0										0						0					
Race/Ethnicity																									
Hispanic or Latino				8										8						203	12	60	20	8	845
Not Hispanic or Latino																									
American Indian or Alaskan Native				0										0						107	10	55	23	11	844
Asian				0										0						235	33	44	16	7	851
Black or African American				3										3						373	9	44	28	19	840
Native Hawaiian or Pacific Islander				0										0						10	40	50	10	0	856
White				131	17	13	59	45	36	27	19	15	843	131	13	45	27	15	843	12,968	21	57	17	6	849
Two or more races				2										2						135	20	58	19	4	849
No Race/Ethnicity Reported				0										0						0					
LEP Status																									
Current LEP student				2										2						380	6	38	32	23	838
Former LEP student - monitoring year 1				1										1						18	44	56	0	0	860
Former LEP student - monitoring year 2				0										0						26	58	42	0	0	860
All Other Students				141	17	12	63	45	38	27	23	16	842	141	12	45	27	16	842	13,607	21	57	17	6	849
IEP																									
Students with an IEP				40	1	3	7	18	20	50	12	30	830	40	3	18	50	30	830	2,082	1	33	39	27	835
All Other Students				104	17	16	57	55	19	18	11	11	847	104	16	55	18	11	847	11,949	24	60	13	2	851
SES																									
Economically Disadvantaged Students				84	5	6	32	38	27	32	20	24	838	84	6	38	32	24	838	5,990	11	55	24	10	844
All Other Students				60	13	22	32	53	12	20	3	5	849	60	22	53	20	5	849	8,041	28	57	12	3	852
Migrant																									
Migrant Students				0										0						9					
All Other Students				144	18	13	64	44	39	27	23	16	843	144	13	44	27	16	843	14,022	21	56	17	6	848
Title I																									
Students Receiving Title I Services				0										0						1,368	9	53	30	9	843
All Other Students				144	18	13	64	44	39	27	23	16	843	144	13	44	27	16	843	12,663	22	56	16	6	849
504 Plan																									
Students with a 504 Plan				4										4						401	14	64	19	4	847
All Other Students				140	18	13	61	44	38	27	23	16	843	140	13	44	27	16	843	13,630	21	56	17	6	848

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

# Mathematics Results

**School:** Waterville Junior High School  
**District:** Waterville Public Schools  
**State:** Maine  
**Code:** 1170-1421

### Proficient with Distinction (Level 4)

Student's problem solving demonstrates logical reasoning with strong explanations that include both words and proper mathematical notation. Student's work exhibits a high level of accuracy, effective use of a variety of strategies, and an understanding of mathematical concepts within and across grade level expectations. Student demonstrates the ability to move from concrete to abstract representations.

(Scaled Score 852–880)

### Proficient (Level 3)

Student's problem solving demonstrates logical reasoning with appropriate explanations that include both words and proper mathematical notation. Student uses a variety of strategies that are often systematic. Computational errors do not interfere with communicating understanding. Student demonstrates conceptual understanding of most aspects of the grade level expectations.

(Scaled Score 840–851)

### Partially Proficient (Level 2)

Student's problem solving demonstrates logical reasoning and conceptual understanding in some, but not all, aspects of the grade level expectations. Many problems are started correctly, but computational errors may get in the way of completing some aspects of the problem. Student uses some effective strategies. Student's work demonstrates that he or she is generally stronger with concrete than abstract situations.

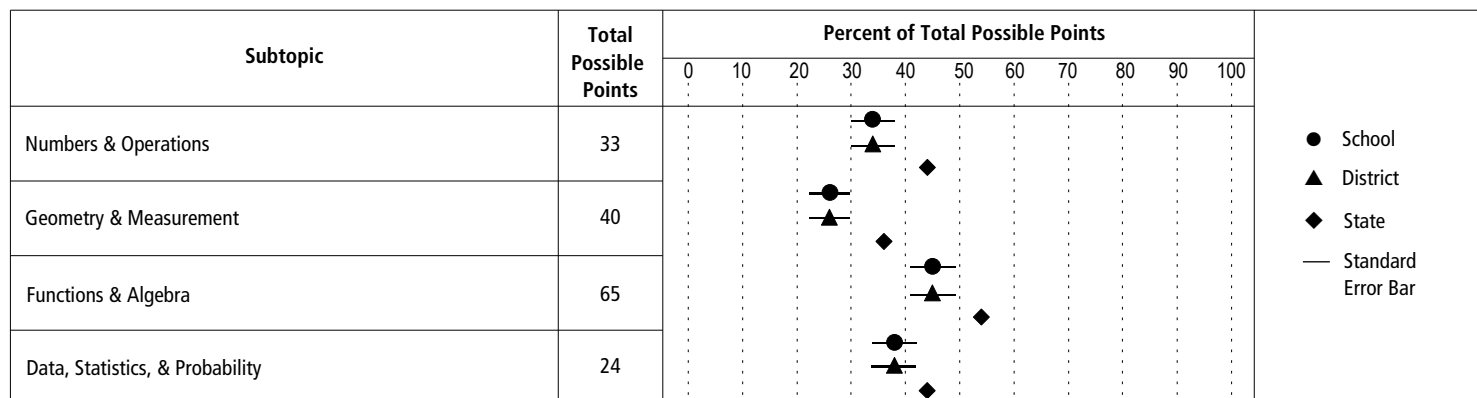
(Scaled Score 834–839)

### Substantially Below Proficient (Level 1)

Student's problem solving is often incomplete, lacks logical reasoning and accuracy, and shows little conceptual understanding in most aspects of the grade level expectations. Student is able to start some problems but computational errors and lack of conceptual understanding interfere with solving problems successfully.

(Scaled Score 800–833)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2009-10				142	20	14	52	37	32	23	38	27	840
2010-11				124	19	15	50	40	28	23	27	22	841
<b>2011-12</b>				<b>143</b>	<b>15</b>	<b>10</b>	<b>41</b>	<b>29</b>	<b>37</b>	<b>26</b>	<b>50</b>	<b>35</b>	<b>837</b>
Cumulative Total				409	54	13	143	35	97	24	115	28	839
<b>District</b>													
2009-10				142	20	14	52	37	32	23	38	27	840
2010-11				125	19	15	50	40	28	22	28	22	841
<b>2011-12</b>				<b>143</b>	<b>15</b>	<b>10</b>	<b>41</b>	<b>29</b>	<b>37</b>	<b>26</b>	<b>50</b>	<b>35</b>	<b>837</b>
Cumulative Total				410	54	13	143	35	97	24	116	28	839
<b>State</b>													
2009-10				14,115	2,283	16	6,119	43	3,019	21	2,694	19	842
2010-11				13,983	2,310	17	5,894	42	3,048	22	2,731	20	842
<b>2011-12</b>				<b>14,013</b>	<b>2,374</b>	<b>17</b>	<b>6,035</b>	<b>43</b>	<b>3,002</b>	<b>21</b>	<b>2,602</b>	<b>19</b>	<b>842</b>
Cumulative Total				42,111	6,967	17	18,048	43	9,069	22	8,027	19	842





# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

# Disaggregated Mathematics Results

School: Waterville Junior High School  
 District: Waterville Public Schools  
 State: Maine  
 Code: 1170-1421

REPORTING CATEGORIES	School												District						State						
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students				143	15	10	41	29	37	26	50	35	837	143	10	29	26	35	837	14,013	17	43	21	19	842
Gender																									
Male				75	5	7	17	23	24	32	29	39	836	75	7	23	32	39	836	7,084	17	41	22	20	842
Female				68	10	15	24	35	13	19	21	31	839	68	15	35	19	31	839	6,929	17	45	21	17	843
Not Reported				0										0						0					
Race/Ethnicity																									
Hispanic or Latino				8										8						202	10	39	27	25	839
Not Hispanic or Latino																									
American Indian or Alaskan Native				0										0						107	6	36	29	30	838
Asian				0										0						235	25	42	16	17	845
Black or African American				3										3						375	6	25	26	43	834
Native Hawaiian or Pacific Islander				0										0						10	40	40	20	0	847
White				130	14	11	39	30	35	27	42	32	838	130	11	30	27	32	838	12,949	17	44	21	18	842
Two or more races				2										2						135	16	43	15	27	842
No Race/Ethnicity Reported				0										0						0					
LEP Status																									
Current LEP student				2										2						386	5	21	26	48	833
Former LEP student - monitoring year 1				1										1						18	11	61	22	6	844
Former LEP student - monitoring year 2				0										0						26	38	50	12	0	849
All Other Students				140	14	10	40	29	37	26	49	35	837	140	10	29	26	35	837	13,583	17	44	21	18	842
IEP																									
Students with an IEP				40	0	0	2	5	11	28	27	68	828	40	0	5	28	68	828	2,068	2	15	23	61	831
All Other Students				103	15	15	39	38	26	25	23	22	841	103	15	38	25	22	841	11,945	20	48	21	11	844
SES																									
Economically Disadvantaged Students				84	3	4	18	21	25	30	38	45	834	84	4	21	30	45	834	5,979	8	37	27	29	838
All Other Students				59	12	20	23	39	12	20	12	20	842	59	20	39	20	20	842	8,034	24	48	18	11	845
Migrant																									
Migrant Students				0										0						9					
All Other Students				143	15	10	41	29	37	26	50	35	837	143	10	29	26	35	837	14,004	17	43	21	19	842
Title I																									
Students Receiving Title I Services				0										0						1,365	5	29	34	33	837
All Other Students				143	15	10	41	29	37	26	50	35	837	143	10	29	26	35	837	12,648	18	45	20	17	843
504 Plan																									
Students with a 504 Plan				4										4						400	13	43	27	17	841
All Other Students				139	15	11	40	29	35	25	49	35	837	139	11	29	25	35	837	13,613	17	43	21	19	842

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.





# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

### Writing Results

School: Waterville Junior High School  
 District: Waterville Public Schools  
 State: Maine  
 Code: 1170-1421

#### Proficient with Distinction (Level 4)

Student's writing demonstrates an ability to respond to prompt/task with clarity and insight. Focus is well developed and maintained throughout response. Response demonstrates use of strong organizational structures. A variety of elaboration strategies is evident. Sentence structures and language choices are varied and used effectively. Response demonstrates control of conventions; minor errors may occur.

(Scaled Score 854–880)

#### Proficient (Level 3)

Student's writing demonstrates an ability to respond to prompt/task. Focus is clear and maintained throughout the response. Response is organized with a beginning, middle, and end with appropriate transitions. Details are sufficiently elaborated to support focus. Sentence structures and language use are varied. Response demonstrates control of conventions; errors may occur but do not interfere with meaning.

(Scaled Score 840–853)

#### Partially Proficient (Level 2)

Student's writing demonstrates an attempt to respond to prompt/task. Focus may be present but not maintained. Organizational structure is inconsistent with limited use of transitions. Details may be listed and lack elaboration. Sentence structures and language use are unsophisticated and may be repetitive. Response demonstrates inconsistent control of conventions.

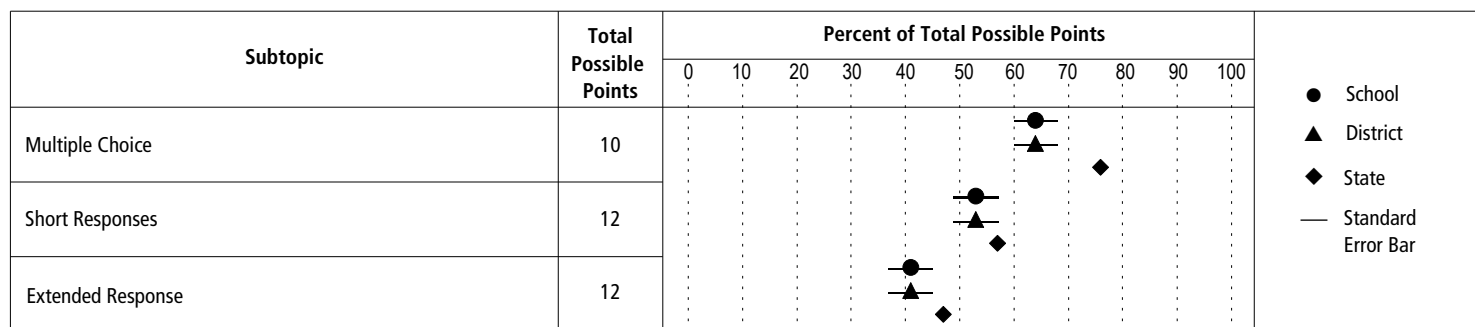
(Scaled Score 827–839)

#### Substantially Below Proficient (Level 1)

Student's writing demonstrates a minimal response to prompt/task. Focus is unclear or lacking. Little or no organizational structure is evident. Details are minimal and/or random. Sentence structures and language use are minimal or absent. Frequent errors in conventions may interfere with meaning.

(Scaled Score 800–826)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2009-10					15	12	45	36	53	43	11	9	840
2010-11				124	10	7	45	31	41	29	47	33	835
<b>2011-12</b>				<b>143</b>									
Cumulative Total				267	25	9	90	34	94	35	58	22	837
<b>District</b>													
2009-10					15	12	45	36	53	42	12	10	840
2010-11				125	10	7	45	31	41	29	47	33	835
<b>2011-12</b>				<b>143</b>									
Cumulative Total				268	25	9	90	34	94	35	59	22	837
<b>State</b>													
2009-10					1,035	7	6,332	46	5,179	37	1,358	10	840
2010-11				13,904	963	7	6,116	44	5,175	37	1,713	12	839
<b>2011-12</b>				<b>13,967</b>									
Cumulative Total				27,871	1,998	7	12,448	45	10,354	37	3,071	11	839





# Fall 2011 - Beginning of Grade 8 NECAP Tests

## Grade 7 Students in 2010-2011

# Disaggregated Writing Results

**School:** Waterville Junior High School  
**District:** Waterville Public Schools  
**State:** Maine  
**Code:** 1170-1421

REPORTING CATEGORIES	School												District						State						
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students				143	10	7	45	31	41	29	47	33	835	143	7	31	29	33	835	13,967	7	44	37	12	839
Gender																									
Male				75	3	4	17	23	19	25	36	48	830	75	4	23	25	48	830	7,056	4	35	43	18	836
Female				68	7	10	28	41	22	32	11	16	839	68	10	41	32	16	839	6,911	10	53	31	7	841
Not Reported				0										0						0					
Race/Ethnicity																									
Hispanic or Latino				8										8						199	5	35	45	15	837
Not Hispanic or Latino																									
American Indian or Alaskan Native				0										0						107	3	28	50	20	835
Asian				0										0						235	11	51	28	11	841
Black or African American				3										3						368	2	29	43	26	833
Native Hawaiian or Pacific Islander				0										0						10	10	60	30	0	843
White				130	9	7	44	34	37	28	40	31	835	130	7	34	28	31	835	12,915	7	44	37	12	839
Two or more races				2										2						133	7	49	34	11	839
No Race/Ethnicity Reported				0										0						0					
LEP Status																									
Current LEP student				2										2						378	2	23	44	31	831
Former LEP student - monitoring year 1				1										1						18	22	61	17	0	846
Former LEP student - monitoring year 2				0										0						26	15	69	15	0	846
All Other Students				140	9	6	44	31	41	29	46	33	835	140	6	31	29	33	835	13,545	7	44	37	12	839
IEP																									
Students with an IEP				40	0	0	2	5	10	25	28	70	824	40	0	5	25	70	824	2,052	<1	9	43	47	827
All Other Students				103	10	10	43	42	31	30	19	18	839	103	10	42	30	18	839	11,915	8	50	36	6	841
SES																									
Economically Disadvantaged Students				84	2	2	17	20	30	36	35	42	830	84	2	20	36	42	830	5,947	3	32	45	19	835
All Other Students				59	8	14	28	47	11	19	12	20	841	59	14	47	19	20	841	8,020	10	52	31	7	841
Migrant																									
Migrant Students				0										0						9					
All Other Students				143	10	7	45	31	41	29	47	33	835	143	7	31	29	33	835	13,958	7	44	37	12	839
Title I																									
Students Receiving Title I Services				0										0						1,360	3	28	52	17	835
All Other Students				143	10	7	45	31	41	29	47	33	835	143	7	31	29	33	835	12,607	7	45	35	12	839
504 Plan																									
Students with a 504 Plan				4										4						399	3	35	48	14	836
All Other Students				139	10	7	45	32	38	27	46	33	835	139	7	32	27	33	835	13,568	7	44	37	12	839

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.